

COMBINED DECLARATION AND POWER OF ATTORNEY

Attorney Docket No. 3448\*16

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**COMPUTER-IMPLEMENTED SYSTEM AND METHOD FOR MEASURING AND  
IMPROVING MANUFACTURING PROCESSES AND MAXIMIZING PRODUCT  
RESEARCH AND DEVELOPMENT SPEED AND EFFICIENCY**

the specification of which

(check one) ☒ is attached hereto.

☒ was filed on July 14, 2004 as

Application Serial No. 10/501,561 and

was amended on \_\_\_\_\_  
(if applicable)

was amended through \_\_\_\_\_  
(if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. §119(a)-(d) or (f) or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate, or §365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's or plant breeder's rights certificate, or PCT International application having a filing date before that of the application on which priority is claimed:

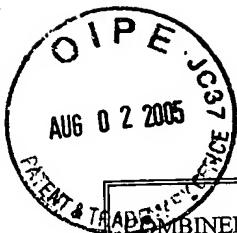
Prior Foreign Application(s)			Priority Claimed	
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

PCT/US03/01272  
(Application Serial No.)

January 15, 2003  
(Filing Date)

Pending  
(Status)



COMBINED DECLARATION AND POWER OF ATTORNEY

Attorney Docket No. 3448\*16

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.  
I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**COMPUTER-IMPLEMENTED SYSTEM AND METHOD FOR MEASURING AND  
IMPROVING MANUFACTURING PROCESSES AND MAXIMIZING PRODUCT  
RESEARCH AND DEVELOPMENT SPEED AND EFFICIENCY**

the specification of which

(check one) ☒ is attached hereto.

☐ was filed on \_\_\_\_\_ as

Application Serial No. \_\_\_\_\_ and

was amended on \_\_\_\_\_  
(if applicable)

was amended through \_\_\_\_\_  
(if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. §119(a)-(d) or (f) or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate, or §365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's or plant breeder's rights certificate, or PCT International application having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

Priority Claimed

_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

<u>PCT/US03/01272</u> (Application Serial No.)	<u>January 15, 2003</u> (Filing Date)	<u>Pending</u> (Status)
---	--	----------------------------

(Application Serial No.)

(Filing Date)

(Status)

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

60/348,871

(Application No.)

January 15, 2002

(Filing Date)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) associated with CUSTOMER NUMBER 23416; all of CONNOLLY BOVE LODGE & HUTZ LLP, as attorneys with full power of substitution to prosecute this application and conduct all business in the Patent and Trademark Office connected therewith.

Send Correspondence To: <b>Connolly Bove Lodge &amp; Hutz LLP The Nemours Building 1007 North Orange Street P.O. Box 2207 Wilmington, Delaware 19899-2207</b>		Direct Telephone Calls To: <b>(302) 658-9141</b>	
FULL NAME OF SOLE OR FIRST INVENTOR <b>Suvajit DAS</b>	INVENTOR'S SIGNATURE <i>Suvajit Das</i>	DATE <b>August 12, 2004</b>	
RESIDENCE <b>Atlanta, Georgia</b>		CITIZENSHIP <b>India</b>	
POST OFFICE ADDRESS <b>1033-F Brentwood Way, Atlanta, Georgia 30350</b>			
FULL NAME OF SECOND JOINT INVENTOR IF ANY <b>Thierry CRESSON</b>	INVENTOR'S SIGNATURE <i>Thierry Cresson</i>	DATE <b>August 12, 2004</b>	
RESIDENCE <b>Roswell, Georgia</b>		CITIZENSHIP <b>France</b>	
POST OFFICE ADDRESS <b>245 Quiet Stream Court, Roswell, Georgia 30075</b>			
FULL NAME OF THIRD JOINT INVENTOR IF ANY <b>Jerzy W. SKOWRONSKI</b>	INVENTOR'S SIGNATURE	DATE	
RESIDENCE <b>Florence, South Carolina</b>		CITIZENSHIP <b>United States of America</b>	
POST OFFICE ADDRESS <b>3322 Tennyson Drive, Florence, South Carolina</b>			
FULL NAME OF FOURTH JOINT INVENTOR IF ANY <b>Randy A. HEMPEL</b>	INVENTOR'S SIGNATURE	DATE	
RESIDENCE <b>Ellicott City, Maryland</b>		CITIZENSHIP <b>United States of America</b>	



(Application Serial No.)

(Filing Date)

(Status)

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

60/348,871

January 15, 2002

(Application No.)

(Filing Date)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) associated with **CUSTOMER NUMBER 23416**; all of **CONNOLLY BOVE LODGE & HUTZ LLP**, as attorneys with full power of substitution to prosecute this application and conduct all business in the Patent and Trademark Office connected therewith.

Send Correspondence To: <b>Connolly Bove Lodge &amp; Hutz LLP</b> <b>The Nemours Building</b> <b>1007 North Orange Street</b> <b>P.O. Box 2207</b> <b>Wilmington, Delaware 19899-2207</b>		Direct Telephone Calls To:  <b>(302) 658-9141</b>	
FULL NAME OF SOLE OR FIRST INVENTOR <b>Suvajit DAS</b>	INVENTOR'S SIGNATURE		DATE
RESIDENCE <b>Atlanta, Georgia</b>		CITIZENSHIP <b>India</b>	
POST OFFICE ADDRESS <b>1033-F Brentwood Way, Atlanta, Georgia 30350</b>			
FULL NAME OF SECOND JOINT INVENTOR IF ANY <b>Thierry CRESSON</b>	INVENTOR'S SIGNATURE		DATE
RESIDENCE <b>Roswell, Georgia</b>		CITIZENSHIP <b>France</b>	
POST OFFICE ADDRESS <b>245 Quiet Stream Court, Roswell, Georgia 30075</b>			
FULL NAME OF THIRD JOINT INVENTOR IF ANY <b>Jerzy W. SKOWRONSKI</b>	INVENTOR'S SIGNATURE <i>[Signature]</i>		DATE <b>July 13/04</b>
RESIDENCE <b>Florence, South Carolina</b>		CITIZENSHIP <b>United States of America</b>	
POST OFFICE ADDRESS <b>3322 Tennyson Drive, Florence, South Carolina</b>			
FULL NAME OF FOURTH JOINT INVENTOR IF ANY <b>Randy A. HEMPEL</b>	INVENTOR'S SIGNATURE		DATE
RESIDENCE <b>Ellicott City, Maryland</b>		CITIZENSHIP <b>United States of America</b>	



(Application Serial No.)

(Filing Date)

(Status)

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

60/348,871

(Application No.)

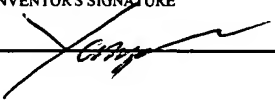
January 15, 2002

(Filing Date)


I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

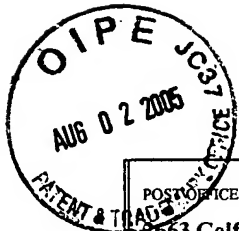
**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) associated with **CUSTOMER NUMBER 23416**; all of **CONNOLLY BOVE LODGE & HUTZ LLP**, as attorneys with full power of substitution to prosecute this application and conduct all business in the Patent and Trademark Office connected therewith.

Send Correspondence To: <b>Connolly Bove Lodge &amp; Hutz LLP The Nemours Building 1007 North Orange Street P.O. Box 2207 Wilmington, Delaware 19899-2207</b>		Direct Telephone Calls To: <b>(302) 658-9141</b>
FULL NAME OF SOLE OR FIRST INVENTOR <b>Suvajit DAS</b>	INVENTOR'S SIGNATURE	DATE
RESIDENCE <b>Atlanta, Georgia</b>	CITIZENSHIP <b>India</b>	
POST OFFICE ADDRESS <b>1033-F Brentwood Way, Atlanta, Georgia 30350</b>		
FULL NAME OF SECOND JOINT INVENTOR IF ANY <b>Thierry CRESSON</b>	INVENTOR'S SIGNATURE	DATE
RESIDENCE <b>Roswell, Georgia</b>	CITIZENSHIP <b>France</b>	
POST OFFICE ADDRESS <b>245 Quiet Stream Court, Roswell, Georgia 30075</b>		
FULL NAME OF THIRD JOINT INVENTOR IF ANY <b>Jerzy W. SKOWRONSKI</b>	INVENTOR'S SIGNATURE	DATE
RESIDENCE <b>Florence, South Carolina</b>	CITIZENSHIP <b>United States of America</b>	
POST OFFICE ADDRESS <b>3322 Tennyson Drive, Florence, South Carolina</b>		
FULL NAME OF FOURTH JOINT INVENTOR IF ANY <b>Randy A. HEMPEL</b>	INVENTOR'S SIGNATURE <i>Randy A. Hempel</i>	DATE <b>9/8/04</b>
RESIDENCE <b>Ellicott City, Maryland</b>	CITIZENSHIP <b>United States of America</b>	

POST OFFICE ADDRESS <b>2663 Golf Island Road, Ellicott City, Maryland 21042</b>		
FULL NAME OF FIFTH JOINT INVENTOR IF ANY <b>Steve YANG</b>	INVENTOR'S SIGNATURE 	DATE <b>7/9/06</b>
RESIDENCE <b>Reisterstown, Maryland</b>		CITIZENSHIP <del>Canada</del> <b>P.R. China</b>
POST OFFICE ADDRESS <b>12332 High Stakes Drive, Reisterstown, Maryland 21136</b>		
FULL NAME OF SIXTH JOINT INVENTOR IF ANY <b>Brian H. RUTLEDGE</b>	INVENTOR'S SIGNATURE	DATE
RESIDENCE <b>Eldersburg, Maryland</b>		CITIZENSHIP <b>United States of America</b>
POST OFFICE ADDRESS <b>6705 Autum View Court, Eldersburg, Maryland 21784</b>		
FULL NAME OF SEVENTH JOINT INVENTOR IF ANY <b>Ebi ELAAHI</b>	INVENTOR'S SIGNATURE	DATE
RESIDENCE <b>New City, New York</b>		CITIZENSHIP <b>United States of America</b>
POST OFFICE ADDRESS <b>26 South Lane, New City, New York 10956</b>		
FULL NAME OF EIGHTH JOINT INVENTOR IF ANY <b>Bryan MILLER</b>	INVENTOR'S SIGNATURE	DATE
RESIDENCE <b>Ashburn, Virginia</b>		CITIZENSHIP <b>United States of America</b>
POST OFFICE ADDRESS <b>43545 Coal Bed Court, Ashburn, Virginia 20147</b>		

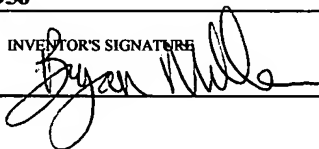


POST OFFICE ADDRESS <b>2663 Golf Island Road, Ellicott City, Maryland 21042</b>		
FULL NAME OF FIFTH JOINT INVENTOR IF ANY <b>Steve YANG</b>	INVENTOR'S SIGNATURE	DATE
RESIDENCE <b>Reisterstown, Maryland</b>		CITIZENSHIP <del>Canada</del> <b>P.R. China</b>
POST OFFICE ADDRESS <b>12332 High Stakes Drive, Reisterstown, Maryland 21136</b>		
FULL NAME OF SIXTH JOINT INVENTOR IF ANY <b>Brian H. RUTLEDGE</b>	INVENTOR'S SIGNATURE 	DATE
RESIDENCE <b>Eldersburg, Maryland</b>		CITIZENSHIP <b>United States of America</b>
POST OFFICE ADDRESS <b>6705 Autum View Court, Eldersburg, Maryland 21784</b>		
FULL NAME OF SEVENTH JOINT INVENTOR IF ANY <b>Ebi ELAAHI</b>	INVENTOR'S SIGNATURE	DATE
RESIDENCE <b>New City, New York</b>		CITIZENSHIP <b>United States of America</b>
POST OFFICE ADDRESS <b>26 South Lane, New City, New York 10956</b>		
FULL NAME OF EIGHTH JOINT INVENTOR IF ANY <b>Bryan MILLER</b>	INVENTOR'S SIGNATURE	DATE
RESIDENCE <b>Ashburn, Virginia</b>		CITIZENSHIP <b>United States of America</b>
POST OFFICE ADDRESS <b>43545 Coal Bed Court, Ashburn, Virginia 20147</b>		



POST OFFICE ADDRESS <b>2663 Golf Island Road, Ellicott City, Maryland 21042</b>		
FULL NAME OF FIFTH JOINT INVENTOR IF ANY <b>Steve YANG</b>	INVENTOR'S SIGNATURE	DATE
RESIDENCE <b>Reisterstown, Maryland</b>		CITIZENSHIP <b>Canada</b>
POST OFFICE ADDRESS <b>12332 High Stakes Drive, Reisterstown, Maryland 21136</b>		
FULL NAME OF SIXTH JOINT INVENTOR IF ANY <b>Brian H. RUTLEDGE</b>	INVENTOR'S SIGNATURE	DATE
RESIDENCE <b>Eldersburg, Maryland</b>		CITIZENSHIP <b>United States of America</b>
POST OFFICE ADDRESS <b>6705 Autum View Court, Eldersburg, Maryland 21784</b>		
FULL NAME OF SEVENTH JOINT INVENTOR IF ANY <b>Ebi ELAAHI</b>	INVENTOR'S SIGNATURE <i>Ebi Elahi</i>	DATE <b>7/7/04</b>
RESIDENCE <b>New City, New York</b>		CITIZENSHIP <b>United States of America</b>
POST OFFICE ADDRESS <b>26 South Lane, New City, New York 10956</b>		
FULL NAME OF EIGHTH JOINT INVENTOR IF ANY <b>Bryan MILLER</b>	INVENTOR'S SIGNATURE	DATE
RESIDENCE <b>Ashburn, Virginia</b>		CITIZENSHIP <b>United States of America</b>
POST OFFICE ADDRESS <b>43545 Coal Bed Court, Ashburn, Virginia 20147</b>		



POST OFFICE ADDRESS		
<b>2663 Golf Island Road, Ellicott City, Maryland 21042</b>		
FULL NAME OF FIFTH JOINT INVENTOR IF ANY	INVENTOR'S SIGNATURE	DATE
<b>Steve YANG</b>		
RESIDENCE	CITIZENSHIP	
<b>Reisterstown, Maryland</b>	<b>Canada</b>	
POST OFFICE ADDRESS		
<b>12332 High Stakes Drive, Reisterstown, Maryland 21136</b>		
FULL NAME OF SIXTH JOINT INVENTOR IF ANY	INVENTOR'S SIGNATURE	DATE
<b>Brian H. RUTLEDGE</b>		
RESIDENCE	CITIZENSHIP	
<b>Eldersburg, Maryland</b>	<b>United States of America</b>	
POST OFFICE ADDRESS		
<b>6705 Autum View Court, Eldersburg, Maryland 21784</b>		
FULL NAME OF SEVENTH JOINT INVENTOR IF ANY	INVENTOR'S SIGNATURE	DATE
<b>Ebi ELAAHI</b>		
RESIDENCE	CITIZENSHIP	
<b>New City, New York</b>	<b>United States of America</b>	
POST OFFICE ADDRESS		
<b>26 South Lane, New City, New York 10956</b>		
FULL NAME OF EIGHTH JOINT INVENTOR IF ANY	INVENTOR'S SIGNATURE	DATE
<b>Bryan MILLER</b>		<b>7/8/2004</b>
RESIDENCE	CITIZENSHIP	
<b>Ashburn, Virginia</b>	<b>United States of America</b>	
POST OFFICE ADDRESS		
<b>43545 Coal Bed Court, Ashburn, Virginia 20147</b>		

7/8/04  
*Carely*  
 exp 12/31/07  
 state Virginia  
 county Fairfax